

Claims

1. A method for selecting (19) user data (early media data 13, 14) transmitted from at least one called subscriber (B and/or B') to a calling subscriber (A) via at least one telecommunication network (SIP proxy) during initiation of a call (1-20),

w h e r e i n

- called subscriber transmission address data (IP b, port b) is derived from a response message (provisional response 9, 10; 11, 12; final response 16, 17) of a called subscriber (B; B') received by the calling subscriber (A) and containing called subscriber transmission address data (IP b, port b) in addition to called subscriber reception address data (IP B, port B),

- which called subscriber transmission address data (IP b, port b) is used by the calling subscriber (A) for the selection of the user data (early media 13, 14) received by the calling subscriber (A) from a called subscriber (B; B').

2. A method according to claim 1,

w h e r e i n

the calling subscriber (A) receives user data (13, 14) from more than one called subscriber (B, B').

3. A method according to either of the preceding claims,

w h e r e i n

the telecommunication network (SIP proxy) includes a cellular mobile radiocommunication network.

4. A method according to any one of the preceding claims,

w h e r e i n

the called subscriber transmission address data (IP b, port b)

contains an IP address and a port address.

5. A method according to any one of the preceding claims,  
w h e r e i n  
the called subscriber transmission address data (IP b, port b)  
is derived from a SIP and/or SDP message sent by the called  
subscriber (B, B') to the calling subscriber (A), in )  
particular from a provisional response SIP message or a final  
response SIP message.

6. A method according to any one of the preceding claims,  
w h e r e i n ,  
upon receiving a SIP final response message with called  
subscriber transmission address data (IP b, port b) contained  
therein, the calling subscriber (A) selects incoming user data  
(early media data 13) in a selection using the called  
subscriber transmission address represented by said called  
subscriber transmission address data (IP b, port b), and  
preferably rejects incoming user data (14) having other called  
subscriber transmission addresses (IP b', port b').

7. A method according to any one of the preceding claims,  
w h e r e i n  
a new SDP parameter is used for transmitting the called  
subscriber transmission address data (IP b, port b) in the  
response messages (provisional response 9, 10; 11, 12; final  
response 16, 17).

8. A method according to any one of the preceding claims,  
w h e r e i n  
one or more transmission addresses (IP b', port b') is/are  
transmitted between SIP terminal A signaling part and SIP  
terminal A connection part, by which transmission addresses

(IP b', port b') received user data packets are to be accepted exclusively.

9. A method according to claim 8,  
w h e r e i n  
the same SDP parameter is used as in claim 7.

10. A method according to claim 8,  
w h e r e i n  
the SDP parameter defined by the IETF MMUSIC Working Group in the "draft-ietf-mmusic-sdp-srcfilter" is used to express the source IP address and the source UDP port.

11. A method according to claims 8 to 10,  
w h e r e i n  
the H.2a8 protocol or the MGCP protocol is used for signaling between SIP terminal A signaling part and SIP terminal A connection part.

12. A method according to any one of the preceding claims,  
w h e r e i n  
the calling subscriber (A) selects the received user data (13, 14) using the called subscriber transmission address data (IP b, port b) contained in a provisional response message received last, in particular for as long as the calling subscriber (A) does not receive a final response message.

13. A method according to any one of the preceding claims,  
w h e r e i n  
the calling subscriber (A) rejects all user data as soon as it (A) has sent the signaling message (20) "SIP CANCEL request" ending the call initiation signaling.

14. A method according to any one of the preceding claims  
w h e r e i n  
called subscriber transmission address data (IP b, port b)  
and/or called subscriber reception address data is/are  
specified in a SDP parameter in a response message received by  
the calling subscriber (A).

15. A method according to any one of the preceding claims,  
w h e r e i n  
the called subscriber reception address data (IP B, port B)  
and the called subscriber transmission address data (IP b,  
port b) of a subscriber (B; B') may be different.

16. A method according to any one of the preceding claims,  
w h e r e i n  
the user data is early media data.

17. An apparatus for carrying out the method according to any  
one of the preceding claims.

18. An apparatus according to claim 17,  
w h e r e i n  
the calling subscriber (A) includes either a MGCF and a IN-MGW  
or a MRFC and a MPFP or another switching device.

19. An apparatus according to either of claims 17 and 18,  
w h e r e i n  
the transmission of early media data is effected via IP  
packets in which one or more called subscriber address data  
(IP b, port b; IP b', port b') is/are specified.